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## Amendments to Specification

Page 3, lines 10 -30:

$$\begin{bmatrix} R^8 & O & R^1 \\ R^7 & R^8 & R^3 \end{bmatrix} R^2$$

$$\begin{bmatrix} R^1 & R^2 \\ R^6 & R^5 & R^4 \end{bmatrix} R^3$$

wherein R<sup>1</sup> to R<sup>8</sup>, which may be the same or different, are independently selected from the group consisting of H, alkyl, aryl, alkenyl, alkoxy, amino, hydroxy, halogen atom, acyl, acyloxy, acylamide, acyl-N-alkylamide, carboxyl, alkoxycarbonyl, cyclohexylamide, sulfonyl-SO<sub>3</sub>-, -SO<sub>3</sub>H-, formula [I-a], or -Y-W; and at least one of R<sup>1</sup> to R<sup>8</sup> is of formula [I-a]; wherein Y is S, O, or NH, and W is selected from unsubstituted or substituted alkyl group, alkenyl group, and unsubstituted or substituted aryl group, wherein (Z)<sup>n+</sup> represents ammonium ion or a cation derived from an organic amine compounds or a basic dye wherein n is 1 or 2, m<sup>1</sup> is an integer from 1 to 4 and K<sup>1</sup> is the ratio of m<sup>1</sup>/n;

# Page 4, lines 1-3:

amino, N-alkylamide, N-arylamide, hydroxy, halogen atom, acyl, acyloxy, acylamide, acyl-N-alkylamide, carboxyl, alkoxycarbonyl, or sulfonyl  $\underline{SO_3}$ - or  $\underline{SO_3H}$ -. In the above, at least one of  $\mathbb{R}^1$  to  $\mathbb{R}^8$  and  $\mathbb{R}^9$  to  $\mathbb{R}^{13}$  is sulfonyl  $\underline{SO_3}$ - or  $\underline{SO_3H}$ - group.

### Page 4, line 23:

wherein  $R^{47}$  to  $R^{52}$ , which may be the same or different, are independently selected from the group consisting of H, alkyl, aryl, alkenyl, alkoxy, amino, N-alkylamide, N-arylamide, hydroxy, halogen atom, acyl, acyloxy, acylamide, acyl-N-alkylamide, carboxyl, alkoxycarbonyl, ex sulfonyl  $-SO_3$ - or  $-SO_3$ H-, and at least one of  $R^{47}$  to  $R^{52}$  is of sulfonyl. (F)<sup>h+</sup> represents ammonium ion or a cation derived from an organic amino compounds or a basic dye wherein h is 1 or 2, m<sup>4</sup> is an integer from 1 to 4 and K<sup>4</sup> is the ratio of m<sup>4</sup>/h.

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### Page 19, lines 34-43:

wherein R<sup>67</sup> to R<sup>71</sup>, which may be the same or different, are independently selected from the group consisting of H, alkyl, aryl, alkenyl, alkoxy, amino, hydroxy, halogen atom, acyl, acyloxy, acylamide, acyl-N-alkylamide, carboxyl, alkoxycarbonyl, cyclohexylamide, sulfonyl, -SO3-, -SO3H, or formula [VI-a], and at least one of R<sup>67</sup> to R<sup>74</sup> is of sulfonyl, -SO3-or -SO3H-, wherein P<sup>3</sup> may be the same or different, are independently selected from the group consisting of C-R<sup>72</sup>, N; R<sup>72</sup> is H, alkyl, aryl, hydroxy, carboxyl, alkoxy, amino, benzoyl, benzyl wherein (G)<sup>8+</sup> represents ammonium ion or a cation derived from an organic amine compounds or a basic dye wherein s is 1 or 2, m<sup>5</sup> is an integer from 1 to 4 and K<sup>5</sup> is the ratio of m<sup>5</sup>/s;

#### Page 20, line 4:

wherein P<sup>4</sup> is O or NH, and R<sup>73</sup> to R<sup>75</sup>, which may be the same or different, are independently selected from the group consisting of H, alkyl, aryl, alkenyl, alkoxy, amino, N-alkylamide, N-arylamide, hydroxy, halogen atom, acyl, acyloxy, acylamide, acyl-N-alkylamide, carboxyl, alkoxycarbonyl, or sulfonyl <u>SO<sub>3</sub>- or SO<sub>3</sub>H-</u>.